



Università
per Stranieri
di Perugia

WARREDOC.UNISTRAPG.IT



Computer Lab
Building Lupattelli

PERUGIA 21 November 2018

1 day course to learn about Open Data and Digital Maps

Digital maps are powerful means for knowledge development, decision-making, scientific dissemination and information sharing to/from experts and citizens. **Open Data, Big Data and Citizen Science** allows observing, monitoring and understanding natural and anthropic processes through new lens. Smart phones, drones, webcams - among the many low cost technologies available to date - provide new data and unveil perspectives that did not exist before. Story maps, **geospatial and location intelligence**, and web based interfaces empower data visualization tools in a dynamic geospatial context to provide increasingly efficient infographics and statistics on several multidisciplinary topics including, but not limited to, urban and environmental sustainability.

Free course to get you started on the use of the ESRI ArcGIS Online platform to develop Open Big Data and Citizen Science for understanding the Water, Food, Energy and Environment Nexus

This course is tailored for young students, graduates and professionals who want to learn the potential of using digital maps for the topics related to water, food, energy, environment and sustainable development. This learning open initiative is for anyone interested in learning (or improving) **Digital Mapping** with specific focus on using digital data for your professional and scientific interest or for creating maps for your website or blog. At the end of the course, participants will be able to independently gather and analyze Open (Geospatial) Data, understand and efficiently use online GIS software, create infographics and publish Story Maps for communication purposes. The event is organized by the **Water Resources Research & Documentation Center (WARREDOC)** in collaboration with the **INNLABS** at the **University for Foreigners of Perugia** with the collaboration and support of **ESRI Italia** and **Geosmartcampus**.

Language of the Course will be English, but material and technical assistance will be provided in both English and Italian.

Everyone will receive a certificate of participation.

With the support and patronage of

21 november
09:30 Welcome / Introduction

10:00-11:00-Introduction to GIS and ESRI ArcGIS platform.

11:00-13:00 Guided learning tutorial to use Open Data for drafting Digital Maps

13:00-14:00 Lunch break (sponsored by ESRI Italy and Geosmartcampus)

14:00-18:00 Project development and presentation

Digital Mapping Award

The top three projects will be presented and awarded. The award ceremony will take place on 22 november as part of the closing session of the International Workshop held at the UNESCO WWAP office of Villa La Colombella (Perugia)

To register, fill out the online form in our website <http://warredoc.unistrapg.it>. For more information send an email to warredoc@gmail.com

Place of the course

Computer Lab inside the **Building Lupattelli** of the University for Foreigners of Perugia (Viale Carlo Manuali, 5, Perugia)

